

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	643	239/589.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:11
L2	398	239/591.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:12
L3	923	239/597.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:12
L4	264	239/79.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:09
L5	643	239/589.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:12
L6	1132	239/601.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:12
L7	84	239/593.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:12
L8	119	239/594.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:12
L9	119	239/594.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:12
L10	257	239/390.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:12

EAST Search History

L11	123	239/397.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:12
L12	78	118/311.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:12
L13	227	285/95.ccls.	USPAT	OR	ON	2006/08/24 10:10
L14	151	285/123.12.ccls.	USPAT	OR	ON	2006/08/24 10:13
L15	150	901/45.ccls.	USPAT	OR	ON	2006/08/24 10:10
L16	261	239/598.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:11
L17	306	239/85.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:11
L18	276	118/310.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:11
L19	1635	239/600.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:11
S1	256	239/79.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 16:13
S2	304	239/85.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 08:45
S3	597	239/589.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 15:01
S4	1574	239/600.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 15:01

EAST Search History

S5	393	239/591.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 15:01
S7	273	118/310.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 15:02
S8	76	118/311.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 16:28
S9	85211	"118".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 15:02
S10	907	239/597.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 15:02
S12	252	239/598.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 15:02
S15	151	"6,328,224" "5,853,126" "5,720,436" "5,433,387" "5,358,182" "5,353,995" "4,921,172" "4,896,384" "4,890,190" "4,879,137" "4,825,807"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 15:10
S16	22	("6,328,224" "5,853,126" "5,720,436" "5,433,387" "5,358,182" "5,353,995" "4,921,172" "4,896,384" "4,890,190" "4,879,137" "4,825,807").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 15:13
S17	14	("1,209,653" "62140669" "01315361" "06094166" "03169361").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 15:16
S18	29	("4,802,625" "4,798,340" "4,788,933" "4,785,995" "4,779,805" "4,726,521" "4,685,620" "4,598,870" "4,580,727" "4,520,754" "4,518,119" "03221166" "60151554" "63116776" "58124560" "311823").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 15:36

EAST Search History

S19	34	("4,505,430" "RE.31,867" "4,450,785" "4,447,008" "4,422,577" "4,402,991" "4,381,079" "4,360,155" "4,350,304" "4,323,197" "4,216,915" "1274814").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 15:41
S20	30	("4,215,818" "4,214,708" "4,171,100" "4,169,560" "4,135,667" "4,114,564" "4,066,041" "4,039,145" "4,037,561" "3,964,683" "3,913,523").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 15:53
S21	37	("3,843,054" "3,698,636" "3,684,174" "3,610,528" "3,589,607" "3,578,997" "3,575,344" "3,536,514" "3,233,655" "3,102,062" "2,955,565").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 15:55
S22	5	("2759763").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 15:56
S23	1146	S10 or S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 16:14
S24	899	S2 or S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 16:40
S25	32	S23 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 16:17
S26	63	S24 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 16:18
S27	29	S4 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 16:28
S28	20	("3521125" "3659151" "3673463" "3745413" "3895261" "4020393" "4039145").PN. OR ("4135667").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/31 08:05
S29	418	expander and reducer	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/31 08:05

EAST Search History

S30	304	239/85.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 08:06
S31	597	239/589.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 09:17
S32	85211	"118".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 08:06
S33	899	S30 or S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 08:06
S34	63	S33 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 08:06
S35	0	S29 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 08:07
S36	1	S29 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 08:07
S37	1109	239/601.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 08:32
S38	1	S29 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 08:32
S39	150305	expand\$3 same reduce\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 08:33

EAST Search History

S40	34	S39 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 08:41
S41	35	S39 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 08:44
S42	907	239/597.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 08:44
S43	252	239/598.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 08:44
S44	21	S39 and (S42 or S43)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 08:44
S45	907	239/597.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 11:30
S46	1874	118/308.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 12:30
S47	150305	expand\$3 same reduce\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 12:30
S48	28	S46 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 13:10
S49	113	239/594.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 13:39

EAST Search History

S50	81	239/593.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 14:44
S51	54	(US-20030234301-\$ or US-20040124256-\$ or US-20050023385-\$ or US-20040164173-\$ or US-20020088881-\$ or US-20010030250-\$).did. or (US-3578997-\$ or US-4131236-\$ or US-4135667-\$ or US-4169560-\$ or US-4402991-\$ or US-4476807-\$ or US-4520754-\$ or US-4802625-\$ or US-4869936-\$ or US-6601783-\$ or US-6726130-\$ or US-6845929-\$ or US-6003789-\$ or US-5531590-\$ or US-4185706-\$ or US-6845928-\$ or US-6739529-\$ or US-6444081-\$ or US-6336708-\$ or US-6042019-\$ or US-5975996-\$ or US-5961856-\$ or US-5931392-\$ or US-5431346-\$ or US-5125582-\$ or US-4813611-\$).did. or (US-6722584-\$ or US-6651899-\$ or US-6502767-\$ or US-5881958-\$ or US-5704825-\$ or US-5616067-\$).did. or (US-3536514-\$ or US-3490696-\$ or US-3353405-\$ or US-3299937-\$ or US-2583726-\$ or US-2175160-\$ or US-2978189-\$ or US-2427545-\$ or US-2724583-\$).did. or (JP-63081824-\$). did. or (CH-579951-\$ or BE-852838-\$ or DE-3005677-\$ or DE-3608426-\$ or DE-3608415-\$ or DE-19758158-\$).did.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2005/08/31 13:46
S52	1344921	seal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 13:47
S53	12	S52 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 13:47
S54	253	285/123.12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 14:49
S55	405	285/95.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 15:01

EAST Search History

S56	1246	quick adj disconnect.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 15:01
S57	395	S52 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 15:02
S58	33	("0489107" "0653143" "0913144" "1065515" "2689140" "3055684" "3499655" "3758137").PN. OR ("3831984").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/31 15:10
S59	3	("653143").URPN.	USPAT	OR	ON	2005/08/31 15:15
S60	0	"285""."73".ccls.	USPAT	OR	ON	2005/08/31 15:16
S61	0	"285.73".ccls.	USPAT	OR	ON	2005/08/31 15:16
S62	65	"285/73".ccls.	USPAT	OR	ON	2005/08/31 15:16
S63	11	("0489107" "0894900" "1248558").PN. OR ("4523778").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/31 15:17
S64	121758	robot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 08:45
S65	39804	sprayer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 08:46
S66	8722467	connect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 08:46
S67	15380	quick adj connect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 10:19
S68	271	S67 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 08:48
S69	3	S68 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 08:48

EAST Search History

S70	1248	quick adj disconnect.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 08:48
S71	8	S70 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 08:49
S72	305402	hose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 08:49
S73	209	S72 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 08:53
S74	511	S64 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 08:57
S75	411	S74 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 08:57
S76	5	S74 and (quick same disconnect)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 08:58
S77	17917	quick same disconnect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 08:59
S78	334	S64 and S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 08:59
S79	285	S77 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 09:33

EAST Search History

S80	2	"6105886".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 09:33
S81	23	("2473035" "2858798" "2922584" "3556400" "4214708" "4518119" "4589597" "4896834" "4927081" "4936510" "4955960" "5100057" "5163625" "5353995" "5582347" "5632448").PN. OR ("6105886").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/01 09:33
S82	23	("2473035" "2858798" "2922584" "3556400" "4214708" "4518119" "4589597" "4896834" "4927081" "4936510" "4955960" "5100057" "5163625" "5353995" "5582347" "5632448").PN. OR ("6105886").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/01 09:35
S83	14	("3393662" "3418971" "3442688" "4037561" "4215818").PN. OR ("4402991").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/01 09:45
S84	17	("1751719" "2879003" "3906672" "4134542" "4253610" "4478368" "4631871" "5319894" "5421776" "5484325" "5545073").PN. OR ("5975996").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/01 09:48
S85	213	901/45.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 10:21
S86	83322	"285".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 10:20
S87	0	S85 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 10:21
S88	1	S65 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 10:21
S89	231	901/43.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 10:22

EAST Search History

S90	4	S89 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/01 10:21
S91	2	"5704825".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/09 11:18
S92	2	"6105886".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/09 11:18
S93	306	239/85.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 09:21
S94	621	239/589.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 09:16
S95	1603	239/600.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 09:21
S96	397	239/591.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 09:16
S97	275	118/310.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 09:22
S98	915	239/597.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 09:17
S99	255	239/598.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 09:22

EAST Search History

S100	260	239/79.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 09:17
S101	621	239/589.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 09:17
S102	65	"285/73".ccls.	USPAT	OR	ON	2006/03/15 09:19
S103	1120	239/601.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 09:19
S104	82	239/593.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 09:19
S105	116	239/594.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 09:19
S106	251	239/390.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 09:19
S107	119	239/397.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 09:19
S108	77	118/311.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 09:19
S109	226	285/95.ccls.	USPAT	OR	ON	2006/08/24 10:10
S110	151	285/123.12.ccls.	USPAT	OR	ON	2006/03/15 09:20
S111	149	901/45.ccls.	USPAT	OR	ON	2006/03/15 09:20
S112	1	"3187682".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/22 14:09
S113	0	"992156".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/22 14:10

EAST Search History

S114	3	"992156".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/22 14:10
S115	0	"992156".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/22 14:11
S116	5	"992156"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/22 14:11
S117	0	"992156".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/22 14:11
S118	0	"992156".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/22 14:11
S119	529	16/430.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/22 15:13